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CITY OF STOKE-ON-TRENT

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# ANNUAL REPORT

ON THE WORK OF THE  
PUBLIC HEALTH  
DEPARTMENT

1939

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A. WOTHERSPOON, M.B. Ch.B., D.P.H.,  
MEDICAL OFFICER OF HEALTH

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# CITY OF STOKE-ON-TRENT.

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## PUBLIC HEALTH DEPARTMENT.

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*To the Lord Mayor, Aldermen and Councillors of the  
City of Stoke-on-Trent.*

LADIES AND GENTLEMEN,

I have the honour to present to you my Annual Report for the year 1939.

The estimated civil population at the middle of the year was 268,800. The figure given by the Registrar General for the calculation of the Birth Rate is 270,500, and the former figure is used for the Death Rate and the Infectious Disease Rates.

The Birth Rate is slightly lower, being 16.3 as compared with 16.4 for the previous year. That for the large towns was 14.8 compared with 15.0 last year.

The Death Rate is 12.3, being 1.0 higher than last year. The rate for the large towns was 12.0, or 0.3 higher than in 1938.

The Infantile Rate was 61, compared to 52 for last year.

The Maternal Mortality Rate is more satisfactory, being 3.66 compared with 4.79 per thousand total births.

Scarlet Fever again continued in epidemic form. The number of Diphtheria cases shows a decrease over last year and the type continued grave. The case fatality was 5.83, compared with 6.37 last year.

Cancer deaths shows a slight decrease on last year, 382 compared with 399.

Good progress was made in the building of houses during the year. A great deal of extra work has been thrown on the Department by the measures necessitated by the International situation, and this was increased after the commencement of the war.

It is regretted that it is necessary to record the death of two faithful members of the Department, namely, Dr. J. Balsillie and Mr. H. Spencer. The former gave her all to the building-up of the Maternity and Child Welfare Department, while Mr. Spencer was a very loyal colleague as Chief Sanitary Inspector.

Their places have been filled by Dr. E. Findlay, of Hull, who comes to us with a good reputation, and Mr. D. Hurst, whom we have known for some time as a trusted member of the staff and Deputy Chief Sanitary Inspector.

I wish to thank the Chairman and all Members of my Committees for their assistance, and the staff for their loyal help during the past year.

I am, Ladies and Gentlemen,

Your obedient Servant,

ALLAN WOTHERSPOON,

*Medical Officer of Health.*

*Public Health Department,*

*Stoke-on-Trent,*

*October, 1940.*

## AREA AND POPULATION.

The City is 21,190 acres in area. It is 10 miles long, and in no part more than 5 miles wide. About 150 acres are covered with water.

The Registrar General gives the population of the City as 268,800 at the middle of 1939. This figure is a reduction of 3,200 on the figure supplied by the Registrar General for the previous year. This figure is the estimated civilian population and is used for the calculation of mortality and infectious disease rates. For the calculation of the birth rate the figure of 270,500 is used.

## INHABITED HOUSES.

The number of inhabited houses at the Census of 1931 for the City was 58,687. The number of inhabited houses at the present time is probably about 69,159.

During the year 1939, 1,262 new dwelling-houses were certified for habitation. 515 of these were built by the Corporation and 747 by private owners. In 1938 the number was 1,568, and in 1937 the number was 2,548. 515 of the houses erected during the year 1939 were built with state assistance.

## RATEABLE VALUE.

The rateable value of the city for the purposes of the General Rate at 1st April, 1940, was £1,268,221, compared with £1,245,309 at 1st April, 1939.

## BIRTHS.

There were 4,410 births registered and allotted to the City in 1939, giving a birth rate of 16.3 per 1,000 of the population.

The rate for the 126 large towns of England and Wales was 14.8 per thousand and for England and Wales 15.0.

The rate is 0.1 lower than in 1938.

The ratio of births of males to births of females during the year was 1,016 to 1,000. For the year 1939 the ratio was 1,085 males to 1,000 females.

The natural increase of population, that is, excess of births over deaths, was 1,099. The previous year it was 1,393, a difference of 294 lives, the number of births registered being 59 less than in 1938, while the number of deaths was 235 more.

## ILLEGITIMATE BIRTHS.

Of the total births, 153, or 3.47 per cent, were illegitimate, compared with 145, or 3.24 per cent, in the previous year.



## STILL-BIRTHS.

Under the Notification of Births Act, all still-births must be notified to the Medical Officer of Health. 212 were notified during the year under the Act, and of these 58 were attended by midwives, 80 by medical men, and 74 took place in an institution.

The number registered during the 12 months ending 31st December was 267, of which 35 were children of mothers from outside the city area.

Taking the number of still-births that occurred in 1939 as 232, it is equal to 5.0 per cent of the total births. In 1938 there were 225 still-births, equal to 4.8 per cent.

**TABLE 1**  
**Vital Statistics of Whole District during 1939 and previous years.**

Year	Population estimated to middle of each year	BIRTHS		Total Deaths registered in the district		Transferable Deaths		Net Deaths belonging to the district		
		Un-corrected Number	Nett		Number	Rate	of Non-residents registered in the district	of Residents not registered in the district	Under 1 yr. of age	
			Number	Rate					Number	Rate per 1000 net Births
1935	274,100	4,667	4,537	16.6	3,618	13.2	346	110	376	83
1936	273,100	4,733	4,590	16.8	3,676	13.5	367	77	339	74
1937	272,800	4,704	4,547	16.7	3,872	14.2	396	96	366	81
1938	272,000	4,671	4,469	16.4	3,332	12.3	377	121	231	52
1939	270,500	4,599	4,410	16.3	3,535	13.2	325	101	268	61
									3,382	12.3
									3,386	12.4
									3,572	13.1
									3,076	11.3
									3,311	12.3

Area of District in acres (land and inland water), 21,190.



**TABLE 2.**—Vital Statistics compared with those of the 126 large Towns and England and Wales over a period of five years, and the Natural Increase for Stoke-on-Trent.

	Death Rate			Birth Rate			Infantile Mortality Rate			Natural Increase in Population, Stoke-on-Trent
	Stoke-on-Trent	126 Large Towns	England and Wales	Stoke-on-Trent	126 Large Towns	England and Wales	Stoke-on-Trent	126 Large Towns	England and Wales	
1935	12.3	11.8	11.7	16.6	14.8	14.7	83	62	57	1155
1936	12.4	12.3	12.1	16.8	14.9	14.8	73	63	59	1204
1937	13.1	12.5	12.4	16.7	14.9	14.9	81	62	58	975
1938	11.3	11.7	11.6	16.4	15.0	15.1	52	57	53	1393
1939	12.3	12.0	12.1	16.3	14.8	15.0	61	53	50	1099

**DEATHS.**

The number of deaths registered in the City during the year 1939 was 3,535. This gives a death rate of 13.2 per 1,000 of the population. Of the total deaths, 1,629 occurred in public institutions in the district. If the deaths of non-residents which occurred in the district be excluded and the deaths of residents which occurred beyond the district be included the nett deaths belonging to the district is 3,311 (1,720 males and 1,591 females), and the death rate 12.3 per 1,000.

The death rate for the 126 large towns of England and Wales was 12.0 per 1,000, and for the whole of England and Wales, 12.1.

The death rate of 12.3 per 1,000 was 1.0 higher than that of 1938.

The death rate for the 126 large towns of England and Wales was 0.3 higher in 1939 than 1938.

**PRINCIPAL CAUSES OF DEATH.**

	1939	1938
Phthisis and other Tubercular Diseases ... ..	248	217
Congenital Debility and Malformation, including Premature Birth ... ..	149	147
Bronchitis ... ..	108	70
Pneumonia ... ..	143	241
Organic Heart Disease ... ..	982	817
Cancer ... ..	382	399
Violence ... ..	123	133
Nephritis and Bright's Disease ... ..	131	113
Influenza ... ..	56	23

# DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.

							1939	1938
Smallpox	...	...	...	...	...	...	0	0
Enteric	...	...	...	...	...	...	1	0
Diphtheria	...	...	...	...	...	...	14	32
Scarlet Fever	...	...	...	...	...	...	3	8
Whooping Cough	...	...	...	...	...	...	12	4
Measles	...	...	...	...	...	...	16	9
Diarrhoea and Enteritis	...	...	...	...	...	...	20	13

TABLE 3.—Causes of, and Ages at Death during the year 1939.

Causes of Death	Tunstall	Burslem	Hanley	Stoke	Fenton	Longton	Smallthorne, Norton, Bucknall etc. (Wards 27 & 28)	Net Deaths at the subjoined Ages of "Residents" whether occurring within or without the District									Total Deaths whether 'Residents' or 'Non-Residents' in Inclusion district
								All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All Causes { Certified ... Uncertified	344 —	483 —	764 2	500 —	286 —	545 —	385 2	3307 4	267 1	28 —	34 —	78 —	114 —	342 —	1026 1	1418 2	161
Enteric Fever ...	—	1	—	—	—	—	—	1	—	—	—	—	—	—	1	—	
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Measles ...	5	1	2	2	—	4	2	16	6	5	2	3	—	—	—	—	
Scarlet Fever ...	2	—	—	—	—	1	—	3	—	—	2	1	—	—	—	—	
Whooping Cough ...	2	2	4	—	1	3	—	12	6	3	3	—	—	—	—	—	
Diphtheria ...	1	1	3	—	1	2	6	14	—	1	3	10	—	—	—	—	
Influenza ...	5	7	16	9	5	9	5	56	1	—	—	1	1	15	21	17	
Encephalitis Lethargica	—	—	1	—	—	1	—	2	—	—	—	—	—	1	—	1	
Meningococcal Meningitis	1	—	1	1	1	1	1	5	1	—	—	1	2	—	1	—	
Tuberculosis of Respiratory System ...	17	31	41	26	19	43	26	203	—	—	—	2	37	66	79	19	
Other Tuberculosis Diseases ...	5	9	9	5	2	9	6	45	7	1	3	11	10	5	6	2	
Syphilis ...	1	3	2	2	—	—	—	8	3	—	—	—	—	—	5	—	
General Paralysis of the insane, tabes dorsalis...	—	1	1	2	—	2	—	6	—	—	—	—	—	1	4	1	
Cancer, Malignant Disease	38	73	78	68	32	58	35	382	—	—	—	1	1	30	178	172	1
Diabetes ...	2	2	3	3	2	5	3	20	—	—	—	—	—	3	8	9	
Cerebral Haemorrhage, &c. ...	15	27	43	30	22	50	28	215	1	—	—	—	1	8	82	123	
Heart Disease ...	99	133	243	159	78	157	113	982	—	—	—	10	15	72	325	560	2
Aneurysm ...	—	1	—	—	—	—	1	2	—	—	—	—	—	—	1	1	
Other Circulatory Diseases	18	24	43	32	17	14	26	174	—	—	1	—	—	2	45	126	
Bronchitis ...	15	16	20	15	9	27	6	108	10	—	—	—	—	4	34	60	
Pneumonia (all forms) ...	18	22	31	23	11	21	17	143	36	7	8	2	1	15	31	43	
Other Respiratory Diseases ...	6	10	18	5	8	13	10	70	3	2	—	2	5	10	22	26	
Peptic Ulcer ...	5	1	5	5	2	4	3	25	—	—	—	—	1	8	11	5	
Diarrhoea, etc. ...	—	3	41	2	3	3	5	20	17	3	—	—	—	—	—	—	
Appendicitis ...	3	—	3	2	2	4	3	17	—	—	2	1	2	2	7	3	
Cirrhosis of Liver ...	—	—	2	1	—	—	—	3	—	—	—	—	—	—	3	—	
Other Diseases of the Liver	1	—	—	—	—	1	2	4	—	—	—	—	—	2	1	1	
Other Digestive Diseases	2	7	12	9	4	9	8	51	1	—	—	2	1	5	27	15	
Acute and Chronic Nephritis ...	13	21	34	24	8	17	14	131	2	1	—	1	4	15	42	66	
Puerperal Sepsis ...	—	—	3	1	2	1	2	9	—	—	—	—	—	9	—	—	
Other Puerperal causes...	—	1	3	1	—	5	—	10	—	—	—	—	1	8	1	—	
Congenital Debility, Malformation, Premature Birth ...	16	28	30	17	18	20	20	149	147	2	—	—	—	—	—	—	
Senility ...	16	23	39	18	10	10	10	126	—	—	—	—	—	—	—	126	
Suicide ...	7	7	7	3	2	4	6	36	—	—	—	—	—	14	18	4	
Other Deaths from Violence ...	18	12	25	15	15	24	14	123	6	2	7	14	17	25	34	18	
Other Defined Diseases...	13	16	40	20	12	22	15	138	21	1	3	16	15	22	39	21	
Causes ill-defined or unknown ...	—	—	—	—	—	2	—	2	—	—	—	—	—	—	1	1	
TOTALS ...	344	483	766	500	286	545	387	3311	268	28	34	78	114	342	1027	1420	1



TABLE 4.—Cases of Infectious Diseases notified during the year 1939.

Disease	Total Cases notified in each Locality of the District							Number of Cases Notified At Ages—Years							Total Cases removed to Hospital		
	Tunstall	Burslem	Hanley	Stoke	Fenton	Longton	Smallthorne Norton, Bucknall, etc.		At all Ages	Under 1	1 to 5	5 to 15	15 to 25	25 to 45		45 to 65	65 and upwards
							Wards 27 & 28										
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria and Membranous Croup	13	23	56	54	14	29	51	240	8	61	131	31	9	—	—	—	—
Erysipelas	5	12	20	20	3	16	12	88	4	2	3	6	27	35	11	—	230
Scarlet Fever	112	135	234	201	84	186	199	1151	3	351	682	73	39	3	—	—	18
Enteric Fever	—	4	—	—	—	1	—	5	—	—	—	2	1	2	—	—	844
Puerperal Pyrexia	2	3	14	39	8	10	7	83	—	—	—	24	58	1	—	—	4
Cerebro Spinal Meningitis	2	—	3	3	2	—	2	12	1	1	3	4	3	—	—	—	30
Poliomyelitis	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	11
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Pulmonary Tuberculosis	28	38	72	41	24	38	28	269	—	5	27	64	89	74	10	—	—
Other forms of Tuberculosis	7	4	10	8	7	10	8	54	2	4	22	12	8	4	2	—	—
Ophthalmia Neonatorum	1	6	6	1	1	9	—	24	24	—	—	—	—	—	—	—	—
Pneumonia, Primary	50	47	63	42	34	32	26	294	25	61	48	28	65	46	21	—	1
Pneumonia, Broncho	11	19	22	4	8	10	18	92	23	34	11	3	4	12	5	—	—
Pneumonia, Influenzal	3	9	7	4	1	2	3	29	—	—	1	4	8	11	5	—	—
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	1	—	—	1	—	—	1	—	—	—	—	—	—
Pemphigus Neonatorum	—	—	—	—	—	1	—	1	1	—	—	—	—	—	—	—	1
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	2	3	1	3	4	6	—	19	4	12	—	—	—	—	—	—	—
Whooping Cough	1	3	8	21	12	3	—	48	1	38	9	—	—	—	—	—	—
TOTALS	237	306	516	441	203	354	354	2411	96	569	942	251	311	188	54	—	1140

Isolation Hospitals—  
Name and Situation

Infectious Diseases Hospital, Bucknall ... Total Available Beds, 264.  
Stanfield Sanatorium, Burslem ...  
North Staffs. Joint Smallpox Hospital ...  
(At present being used for the accommodation of 48 children suffering from Tuberculosis.

## INFECTIOUS DISEASES.

### Scarlet Fever.

Number of cases notified	...	...	...	1,151
Number of deaths	...	...	...	3
Case fatality per cent	...	...	...	0.26
Number of cases removed to hospitals	...	...	...	844
Percentage of cases removed	...	...	...	73.3

The attack rate for the City during the year was 4.3 per 1,000 of the population.

The percentage of removals to the hospital was 73.3, as compared with 75.7 for the previous year.

The mortality rate in the district during 1939 was 0.0111. The mortality rate for the disease in England and Wales was 0.01 per 1,000 of the population, and in the 126 large towns 0.00 per 1,000.

The case fatality for the year was 0.26 per cent, compared with 0.67 in 1938.

### Diphtheria.

Number of cases notified	...	...	...	240
Number of deaths	...	...	...	14
Case fatality per cent	...	...	...	5.83
Number of cases removed to Hospital	...	...	...	230
Percentage of cases removed	...	...	...	95.8

The attack rate for the City was 0.93 per 1,000 of the population.

The death rate from Diphtheria in the City was 0.052, compared to 0.05 in the 126 large towns, and 0.05 in England and Wales.

### Enteric Fever.

Number of cases notified	...	...	...	5
Number of deaths	...	...	...	1
Case fatality per cent	...	...	...	0.2
Number of cases removed to hospitals	...	...	...	4
Percentage of cases removed	...	...	...	80

The attack rate for the City was 0.019 per 1,000 of the population.

The death rate from Enteric Fever in the 126 large towns during the year 1939 was 0.00 per 1,000. In England and Wales, 0.00. In Stoke-on-Trent it was 0.004.

### **Smallpox.**

During the year no cases of Smallpox occurred.

### **Erysipelas.**

There were 88 cases notified during the year, with one death. In 1938, 84 cases were notified with two deaths.

Enquiries are made into these cases and the sanitary condition of the houses attended to.

### **Cerebro-Spinal Fever.**

Twelve cases were notified as Cerebro Spinal Fever during the year, and all were confirmed bacteriologically. There were two deaths.

### **Acute Encephalitis Lethargica and Acute Polio-Encephalitis.**

There were no cases of Acute Encephalitis Lethargica or Acute Polio-Encephalitis notified during the year.

### **Malaria and Dysentery.**

There was one case of Dysentery notified during the year.

### **Influenza, Pneumonia and Broncho Pneumonia.**

The number of cases notified during the year was :—Influenzal Pneumonia, 29, and Pneumonia and Broncho Pneumonia, 386. The number of deaths was :—Influenza, 56, being equal to a rate of 0.208 per 1,000 of the population ; and Pneumonia and Broncho Pneumonia, 143, being equal to a rate of 0.53 per 1,000 of the population.

These diseases were less prevalent than in 1938.

### **SCHOOLS.**

The Medical Officer of Health is the School Medical Officer.

No schools were closed on account of the presence of infectious diseases.

### **CITY INFECTIOUS DISEASES HOSPITAL, BUCKNALL.**

During the year 1939, 1,280 cases were admitted.



The following table shows the cases admitted during the year with diagnosis uncorrected :—

Scarlet Fever	...	...	...	...	...	850
Diphtheria	...	...	...	...	...	240
Typhoid Fever	...	...	...	...	...	7
Puerperal Pyrexia	...	...	...	...	...	37
Erysipelas	...	...	...	...	...	25
Measles	...	...	...	...	...	44
Chicken Pox	...	...	...	...	...	7
Whooping Cough	...	...	...	...	...	22
Meningitis	...	...	...	...	...	28
Encephalitis Lethargica	...	...	...	...	...	1
Acute Poliomyelitis	...	...	...	...	...	1
Dysentery	...	...	...	...	...	1
Pneumonia	...	...	...	...	...	1
Sick Staff	...	...	...	...	...	16
Total						1,280

HOSPITAL LABORATORY WORK, 1939.

			Positive	Negative	Total
Diphtheria	Throat	...	123	115	238
New Cases	Nose	...	8	34	42
Scarlet Fever	Throat	...	5	831	836
New Cases	Nose	...		836	836
Convalescents	Throat	...	100	1762	1862
	Nose		103	1636	1739
Enteric Specimens	...	...			29
Other Specimens	...	...			47
Total				...	5629

TOWN LABORATORY WORK, 1939.

			Positive	Negative	Total
Sputum for T.B.	...	...	159	623	782
Swabs for Diphtheria	...	...	87	555	642
Smears for Gonococci	...	...	11	80	91
Enteric Specimens	...	...	—	—	19
Other Specimens	...	...	—	—	26
Total				...	1560



### **Diphtheria Immunisation.**

There is now a weekly clinic held at the Richmond Lodge Welfare Centre each Tuesday afternoon, and immunisation is also being carried out in connection with the school medical services.

### **Disinfection.**

The total number of houses disinfected during the year was 1,520, and the number of rooms in such houses, 2,060. Five schools were sprayed. The number of articles passed through the Disinfector totalled 23,180. 740 books were disinfected.

### **Respiratory Diseases.**

During the year there were 321 deaths from Respiratory Diseases, giving a death rate of 1.2 per 1,000 of the population, as compared with 1.37 for the year 1938.

### **Lead Poisoning.**

This is an affection which is associated with pottery manufacture. Through careful supervision, and under the Special Rules of the Home Office, lead poisoning has diminished. According to the Report of the Departmental Committee there were engaged in 1907 as lead workers under the Earthenware and China Rules in North Staffordshire, 5,299 persons (3,371 males and 1,928 females). In 1937 there were 19 cases of lead poisoning, in 1938, 6 cases, and in 1939, 5 cases. In 1937 there were nine deaths attributed to lead poisoning, in 1938, 4, and in 1939 no deaths occurred.

### **Cancer.**

The total number of deaths from cancer was 382, a decrease of seventeen from the previous year. This is equal to a death rate of 1.42.

### **Tuberculosis.**

No persons have been compulsorily removed to Hospital under either the Public Health Acts, 1925, and no action has been taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, with reference to Dairy workers.

### **Phthisis Pulmonalis.**

Three hundred and twenty-three cases were notified in accordance with the provisions of the Public Health (Tuberculosis) Regulations.

Out of the 203 deaths from Phthisis during the year, 24 had not been notified, a percentage of 11.8. There were 45 deaths from other forms of Tuberculosis, and 25 of these had not been notified, a percentage of 55.6, which is much too high a figure and it is hoped that it will be considerably reduced by more careful attention to notification.

The 203 deaths is equal to a death rate of 0.75 per 1,000 ; in 1938 there were 181 deaths and a death rate of 0.67 per 1,000. In England and Wales, in 1938, the death rate was 0.532 per 1,000.

There were 45 deaths in the year from forms of tuberculosis other than Phthisis, equal to a rate of 0.167 per 1,000 of the population. In 1939, the rate for England and Wales was 0.103.

The total death rate from all forms of tuberculosis, including phthisis, was 0.923 per 1,000. In 1938, the rate for England and Wales was 0.635 per 1,000 of the population.

### **Other Forms of Tuberculosis.**

There were 54 cases notified of other forms of Tuberculosis, and 45 deaths, giving a rate of 0.167 per 1,000 of the population. Of these deaths, four occurred among children between the ages of one year and five years. Of the 45 deaths, 25 had not previously been notified. There were 21 deaths from Tubercular Meningitis.

The work of the Tuberculosis Department is carried out from the Central Dispensary at Shelton, which provided facilities for the early diagnosis, treatment, and supervision of cases of Pulmonary Tuberculosis.

The following table, which is an extract from the Ministry of Health Return (37 T. Rev.), gives an account of the work done in the Department during the year :—

Diagnosis	Pulmonary				Non-Pulmonary				Total				Grand Total
	Adults		Children		Adults		Children		Adults		Children		
	M	F	M	F	M	F	M	F	M	F	M	F	
NEW CASES EXAMIN- ED DURING YEAR excluding Con- tacts) :													
(a) Definitely Tuberculous	120	97	11	9	9	3	10	13	129	100	21	22	272
(b) Diagnosis not complete ...	—	—	—	—	—	—	—	—	137	83	41	37	298
(c) Non-Tubercul- ous ...	—	—	—	—	—	—	—	—	197	165	22	23	407
CONTACTS EXAMINED DURING YEAR :													
(a) Definitely Tuberculous	—	3	3	5	—	—	—	—	—	3	3	5	11
(b) Diagnosis not complete ...	—	—	—	—	—	—	—	—	8	6	25	9	48
(c) Non-Tubercul- ous ...	—	—	—	—	—	—	—	—	42	65	49	51	207
CASES WRITTEN OFF THE DISPENSARY REGISTER AS :													
(a) Recovered ...	66	53	10	5	8	6	12	9	74	59	22	14	169
(b) Non-Tubercul- ous ...	—	—	—	—	—	—	—	—	380	312	124	118	934
NUMBER OF CASES ON DISPENSARY REGIS- TER ON 31ST DEC- EMBER, 1930 :													
(a) Definitely Tuberculous...	824	702	171	175	55	61	109	68	879	763	280	243	2165
(b) Diagnosis not completed ...	—	—	—	—	—	—	—	—	176	121	88	54	439

1. Number of cases on Dispensary Register on 1st January, 1939...	2699	2. Number of cases transferred from other areas and cases returned after discharge under Head 3 ...	16
3. Number of cases transferred to other areas, cases not desiring further assistance and cases "Lost sight of"...	60	4. Cases written off during the year as Dead (all causes) ...	191
5. Number of attendances at the Dispensary ...	9724	6. Number of Insured Persons under Domiciliary treatment...	3
7. Number of Consultations with Medical Practitioners ... (a) Personal ... (b) Other ...	101 670	8. Number of visits by Tuberculosis Officers to homes (including personal consultation)	295
9. Number of "Recovered" cases restored to Dispensary Register and included in A (a) and A (b) above ...	5	10. Number of— (a) Specimens of Sputum, etc., examined ... (b) X-ray examination made	3199 5102
11. Number of Visits by Nurses for Dispensary purposes ...	10933	12. Number of T.B. plus cases on Dispensary Register on 31st December, 1939 ...	573



During the year the total number of attendances at the Dispensary was 9,724, compared with 10,193 in 1938.

On the 31st December, 1939, there were 573 cases of Tuberculosis with a known positive sputum in the City.

There are 91 beds available at Stanfield Sanatorium and 48 at Cheshire Joint Sanatorium for adult male and female patients, whilst 49 beds are available at Bagnall Sanatorium for children.

Admissions to Bagnall, Stanfield and Cheshire Joint Sanatoria (excluding observation cases) have been as follows :—

		Stanfield	Cheshire Joint	Bagnall
Males ...	...	80	28	—
Females	...	80	25	—
Children	...	—	2	54
		—	—	—
		160	55	54

The conditions of patients on discharge has been as follows :—

		Stanfield	Cheshire Joint	Bagnall
Quiescent ...	...	6	—	18
Improved	...	110	56	40
Stationary	...	38	5	4
Worse...	...	3	—	—
Deaths	...	23	4	1
		—	—	—
		180	65	63

At the beginning of the year, there were 21 observation cases in the three Sanatoria, and 124 cases were admitted for observation during the year. The number of observation cases discharged was 122, the diagnosis on discharge being : "tuberculous," 16 ; "non-tuberculous," 52 ; and "doubtful," 54. At the end of the year, there were 23 undiagnosed cases in the Sanatoria.

All children admitted to Bagnall Sanatorium now have Mantoux intradermal Tuberculin tests carried out, whether notified or not. Those found to be negative reactors are referred to their own medical advisers on discharge.

#### AFTER-CARE.

The work of this voluntary Committee has been maintained at the high standard of previous years.

During the year it has been instrumental in re-housing 24 families. Financial assistance towards payment of rent and rates has been granted to 11 families. Food, clothing, etc., have been provided for 66 necessitous cases.

Thanks are due to the Housing Committee for the promptness with which they have acceded to requests for houses in these cases.

SURGICAL TUBERCULOSIS.

The Corporation have an agreement with the North Staffs. Cripples Aid Society for the use of twelve beds for the treatment of children suffering from Surgical Tuberculosis, six beds for children under five years of age (non-tubercular), and six beds for adult Surgical Tuberculosis cases.

The Medical Officer of the Institution is the Surgical Tuberculosis Officer of the Corporation.

Dr. Mitchell Smith, Surgical Tuberculosis Officer, reports as follows :

“ During the year 1939, 310 cases of Surgical Tuberculosis in children of the City of Stoke-on-Trent, were under treatment at the Orthopaedic Hospital, Hartshill.

Thirty-two of these cases were treated as in-patients for a longer or shorter period according to their necessities. Twenty-nine have been discharged as cured or improved.

CLASSIFICATION OF CASES.

Spines...	...	...	...	...	...	97
Hips ...	...	...	...	...	...	99
Knees	...	...	...	...	...	55
Ankles	...	...	...	...	...	37
Elbows	...	...	...	...	...	9
Fingers and Wrist	...	...	...	...	...	9
Shoulder	...	...	...	...	...	4
Total						310

During the year 1939, 12 cases of Surgical Tuberculosis in adults were treated as in-patients.

CLASSIFICATION.

Spine	...	...	...	...	...	8
Hip	...	...	...	...	...	1
Knee	...	...	...	...	...	2
Wrist	...	...	...	...	...	1
						12

Ten have been discharged cured or improved, and one has died.”

## VENEREAL DISEASES.

The following summarises the data of general interest in relation to the work of the Clinic during this period.

Number of new cases attending in 1939	...	...	555
Total number of cases attending in 1939	...	...	997
Total attendances	...	...	16,261
Number of attendances for individual attention of Medical Officer	...	...	9,500
Number of attendances for intermediate treatment...			6,761
Average number of attendances per head	...	...	16
Number of cases discharged as cured in 1939	...		570

### NEW CASES.

Year	Syphilis	Gonorrhoea	Non-venereal	Percentage non-venereal	Total
1929	142	381	310	37%	833
1939	127	472	369	38%	968
1931	233	347	323	35%	903
1932	248	346	290	33%	884
1933	193	345	350	40%	888
1934	157	325	425	47%	907
1935	157	291	336	43%	784
1936	121	280	313	44%	714
1937	53	335	301	44%	689
1938	43	315	355	50%	713
1939	54	220	281	51%	555

### NEW CASES OF EARLY SYPHILIS.

Year	Male	Female	Total
1929	43	22	65
1930	44	12	56
1931	141	41	182
1932	139	45	184
1933	86	34	120
1934	86	28	114
1935	56	28	84
1936	40	18	58
1937	5	2	7
1938	3	4	7
1939	3	1	4



The following is a return as to the work carried out at the Out-Patient Clinic at the North Staffs. Royal Infirmary :—

(1) Total number of persons dealt with and suffering from :—

	Number of persons dealt with during the year for the first time
(a) Syphilis ... ..	96
(b) Soft Chancre ... ..	3
(c) Gonorrhoea ... ..	171
(d) Conditions other than Venereal	201
Total ..... ..	471

(2) Total attendances of all patients : City, 13,899 ; Staffs. County, 9,104 ; and outside the district other than the County, 1,699.

### VACCINATION.

#### Statement of Vaccination for the year ending 31st December, 1938.

(Furnished by the Vaccination Officer).

Births	...	...	...	...	...	...	4,681
Successfully vaccinated	...	...	...	...	...	...	1,929
Insusceptible	...	...	...	...	...	...	11
Had Smallpox	...	...	...	...	...	...	—
Died unvaccinated	...	...	...	...	...	...	197
Postponed by Medical Authority	...	...	...	...	...	...	43
Certificates of Exemption (Conscientious objection)	...	...	...	...	...	...	2,134
Removals certified	...	...	...	...	...	...	103
Removals not found and not accounted for	...	...	...	...	...	...	152
Not dealt with for various reasons	...	...	...	...	...	...	112

Of the total births, only 41.2 per cent. were vaccinated during the year.

No re-vaccinations have been performed by the Medical Officer of Health under the Public Health (Smallpox Prevention) Regulations, 1917, amongst contacts where immediate vaccination was not otherwise possible.



## MATERNITY AND CHILD WELFARE.

### Midwives' Act, 1936.

The following is a summary of the work carried on under the Midwives' Act.

The staff of 34 midwives appointed by the Local Authority in July, 1937, was increased by one appointment during the year. Thirteen midwives continue in independent practice, and two work in conjunction with Voluntary Associations.

During the year, the midwives employed by the Council attended a total of 2,999 cases; of these, 801 were attended as maternity nurses. In 1938, the total number of cases attended was 2,421.

The midwives in independent practice attended a total of 324 cases as midwives, and 142 as maternity nurses. The remaining two midwives who work in conjunction with Voluntary Associations attended 23 cases as midwives, and eight as maternity nurses.

A total number of 800 visits was paid to the midwives during the year. On the whole their bags and equipment were found to be well kept, and their records up-to-date.

No midwife has been reported to the C.M.B. during the year for any breach of the rules.

During the year 1939 there were received from Midwives :—

- 1,011 Records for calling in Medical Aid.
- 29 Notifications of death or new-born child.
- 2 Notification of death of the mother.
- 48 Still-births on Special Forms.
- 39 Notifications re Failure to Breast-feed.

The 1,011 records for calling in Medical Aid were divided as follows :

- 94 for abnormality or complication during pregnancy.
- 773 for abnormality or complication during labour.
- 75 for abnormality or complication during lying-in period.
- 69 for abnormality or complication in case of the child.

Under the Midwives' Act, 1918, claims were made by doctors for the payment of fees in 782 cases, out of 1,011 instances in which medical aid was called. The 782 claims amounted to £1,250 3s. 6d., compared with £1,517 os. 6d. in the year 1938.

### Infantile Mortality.

The total number of deaths of infants under the age of one year was 268, being equal to an infantile mortality rate of 61 per 1,000 births. In 1938 the rate was 52.

Of the 268 infants who died in the City before reaching the age of 12 months, 148 or 55.0 per cent. occurred in children under one month old, compared to 58.0 per cent. in 1938.

TABLE 5.—Infantile Mortality occurring in the City and Six Districts, 1938.

Causes of Death	Total under 1 year										Total Deaths under 1 year						
	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Tunstall							
All causes { Certified ... Uncertified	101	18	16	12	147	37	26	35	22	31	45	56	34	30	35	36	267
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Chicken-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	1	2	3	3	1	...	...	...	1	1	6
Scarlet Fever ...	...	...	...	...	...	2	...	2	2	...	2	1	...	...	2	...	6
Whooping-Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	1	...	...	...	...	2	...	1	...	2	...	1	1	1	...	1
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	3
Abdominal Tuberculosis ...	...	...	...	...	...	...	1	1	2	2	...	...	...	...	...	...	4
Other Tuberculous Diseases ...	...	...	...	...	...	...	2	1	1	...	2	1	2	1	1	1	6
Meningitis (not Tuberculous) ...	1	...	1	...	2	1	...	3	...	...	2	1	...	...	...	...	4
Convulsions ...	...	...	...	...	...	...	1	...	...	...	2	1	...	...	...	...	4
Laryngitis ...	...	...	...	...	2	2	...	1	...	...	...	1	...	...	...	...	1
Bronchitis ...	...	...	...	2	3	10	2	13	5	5	3	9	8	3	4	6	10
Pneumonia (all forms) ...	1	...	...	2	...	...	5	...	2	...	2	...	1	...	...	...	36
Diarrhoea ...	...	...	...	1	...	7	3	4	2	...	2	4	1	3	2	5	17
Enteritis ...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	3
Gastritis ...	...	...	...	...	2	1	...	...	...	...	2	...	1	...	...	...	...
Syphilis ...	1	1	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...
Rickets ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation (overlying) ...	1	...	...	...	1	1	...	...	...	1	...	...	...	1	...	...	1
Injury at Birth ...	12	2	1	1	16	...	...	...	...	1	1	3	2	2	5	2	16
Atelectasis ...	7	1	...	...	8	...	...	...	...	1	...	4	3	...	1	2	8
Congenital Malformations ...	...	...	2	1	14	2	2	...	1	4	5	1	8	2	2	2	19
Premature Birth ...	62	8	5	5	80	5	...	...	...	8	19	1	3	14	7	10	85
Atrophy, Debility and Marasmus ...	4	1	2	...	7	2	2	2	...	2	3	1	3	...	3	4	13
Other causes ...	1	1	3	...	5	5	5	4	3	1	...	...	1	...	...	...	22
Influenza ...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	1
Pemphigus Neonatorum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other causes peculiar to early infancy	4	...	2	...	6	...	...	...	...	...	3	1	1	...	1	...	6
TOTALS	102	18	16	12	148	37	26	35	22	31	45	56	34	30	35	37	268

Nett Births in the year :—Legitimate, 4257 ; Illegitimate, 153.      Nett Deaths in the year :—Legitimate, 253 ; Illegitimate, 15.



## Deaths under one year per 1,000 Births in the City.

Year	Total Births	From all causes	From Diarrhoea	From Respiratory Disease	From Debility, Congenital Defects and Premature Births.	From Measles	From Whooping Cough
1935	4537	83	9.2	19.4	34.4	0.0	4.4
1936	4590	74	8.3	13.3	40.3	2.0	1.7
1937	4547	81	8.6	17.8	39.4	0.7	1.3
1938	4469	52	2.7	9.6	32.4	0.2	0.4
1939	4410	61	3.9	10.7	26.6	1.3	1.3

Average rate for the five years (1935-39), 70.

The infantile mortality rate in the 126 large towns in 1938 was 57, and in 1939 it was 53.

The rate for England and Wales during 1939 was 50.

### Notification of Births Act.

Of the 4,334 births notified in the City of Stoke-on-Trent during 1927, 2,525 were attended by midwives, 890 by doctors and 919 occurred in institutions. The percentage of births occurring outside Institutions attended by midwives was 58.

### Summary of Visits paid by the Medical Officers and Health Visitors.

First Visits to infants under 1 year of age	...	4,238
Re-visits—Under 1 year	... 17,701	
Over 1 year	... 23,315	... 41,016
Visits to Expectant Mothers	... ..	743
Re-visits to Expectant Mothers	... ..	469
Visits to Ophthalmia Cases...	... ..	37
„ Midwives	... ..	800
„ in connection with still-births and infant deaths...	... ..	456
„ in connection with infant life protection		263
Other visits	... ..	1,348
Wasted Visits	... ..	3,245
		52,615

## INFANTILE MORTALITY.

INFANTILE MORTALITY RATE AMONGST ILLEGITIMATE AND  
LEGITIMATE CHILDREN OF STOKE-ON-TRENT DURING THE  
PAST 10 YEARS.

		Illegitimate		Legitimate		Whole
1935	...	67	...	83	...	83
1936	...	74	...	74	...	74
1937	...	97	...	80	...	81
1938	...	83	...	51	...	52
1939	...	98	...	59	...	61

There are 15 Infant Welfare Centres in the City area. Thirteen of these Centres are directly under the Council, and two under Voluntary Committees who work in close conjunction with the Corporation.

Ante-natal Clinics are now held at ten Centres, and Toddlers' Inspections have been arranged at nine Centres.

No new centres have been opened since last year's report.

A. Total number of attendances at all Centres during the year :—

	1939	1938
(1) by children under one year of age	32,710	38,959
(2) by children between the ages of 1 and 5 years	13,789	17,703

B. Total number of children who attended at the Centres for the first time during the year, and who on the date of the first attendance were :—

(1) under one year of age	2,556
(2) between the ages of 1 and 5 years	270

C. Total number of children who attended at the Centres during the year, and who at the end of the year were :—

(1) under one year of age	2,477
(2) between the ages of 1 and 5 years	3,512

## HEALTH VISITING.

Number of visits paid during the year by all Health Visitors :—

(1) to expectant mothers	First visits	743
	Total visits	1,212
(2) to children under 1 year of age	First visits	4,234
	Total visits	22,929
(3) to children between the ages of 1 and 5 years	Total visits	23,307

## Voluntary Centres.

### ETRURIA MOTHERS' AND BABIES' WELCOME.

The following figures are of interest :—

Home visits paid	...	...	...	...	...	8,070
Total attendances for all purposes at the Centre						6,870

### THOMAS TWYFORD INFANT WELFARE CENTRE.

The attendances at the various Clinics at the above Centre include the following :—

Dental Clinic (Mothers and Children)	...	...	39
Home visits paid	...	...	4,122
Total attendances for all purposes for the year			12,413

## ANTE-NATAL CLINICS.

During the year, 1,285 expectant mothers attended the Municipal Ante-natal Clinics. In addition, 689 attended the City Maternity Hospital Ante-natal Clinic, and 138 the London Road Hospital Clinic.

The attendances for the year amounted to 6,025 at the Ante-natal Centres, and 4,423 at the City Maternity Hospital. In addition, 1,955 visits were paid by the Health Visitors to the homes of the expectant mothers who attended at the Municipal Ante-natal Clinics. The London Road Maternity Wards were closed from March onwards owing to an outbreak of Puerperal Fever.

## VENEREAL DISEASES DIAGNOSIS.

Ten expectant mothers have been referred to the Venereal Diseases Officer at the Special Clinic held at the Richmond Lodge Maternity and Child Welfare Centre, cases found to be positive being transferred to the Special Treatment Centre.

## Children Act.

### Infant Life Protection.

The following returns give a summary of the number of children, etc., under the care of the Local Authority during the year :—

#### I. NOTIFICATIONS.

(i). Number of foster-parents on the Register :—

(a) at the beginning of the year	...	32
(b) at the end of the year	...	23

(ii.) Number of children on the Register :—

(a) at the beginning of the year	...	32
(b) at the end of the year	...	23
(c) who died during the year	...	—
(d) on whom inquests were held during the year	...	—



(iii.) Number of Life Protection Visitors at the end of the year who were :—

(a) Health Visitors ... ..	16
(b) Female, other than Health Visitors ... ..	Nil
(c) Male ... ..	Nil

(iv.) Number of persons (in addition to or in lieu of Visitors under (c) above or societies authorised to visit under the proviso to Section 2 (2) of the Act of 1908—three Medical Officers.

No proceedings were taken under any Section of the Act during the year.

### Maternity Mortality.

Seventeen women died in, or in consequence of, childbirth during the year. The deaths were classified as follows :—

From Sepsis ... ..	8
From other Puerperal causes	9

Sixteen of the cases died in Institutions and one at home.

	Puerperal Sepsis	Other Puerperal Causes	Total Puerperal Mortality
1938			
Per 1,000 Live Births ... ..	1.79	3.36	5.15
Per 1,000 Total Births ... ..	1.60	3.19	4.79
1939			
Per 1,000 Live Births ... ..	1.81	2.04	3.85
Per 1,000 Total Births ... ..	1.72	1.94	3.66

### Infectious Diseases.

Disease	Number of cases notified during the year	Number of cases visited by officers of the Council	Number of cases for whom home nursing was provided by the Council	Number of cases removed to hospitals
(1) Ophthalmia Neonatorum	24	24	13	—
(2) Pemphigus Neonatorum	1	1	—	—
(3) Puerperal pyrexia ...	83	44	18	30

## Ophthalmia Neonatorum.

The total number of cases notified by medical men in 1939 was 24, as compared with 36 in 1938.

Ophthalmia Neonatorum has been compulsorily notifiable throughout the whole area since 1911. 24 notifications were received during 1939 from medical men.

Nurses were supplied by the Corporation in 13 cases.

Cases of Ophthalmia Neonatorum			Vision unimpaired	Vision impaired	Total Blindness	Deaths
Notified	Treated					
	At home	In hospital				
24	24	—	24	—	—	—

Day and night nurses are supplied in all cases where necessary. Arrangements also exist for a specialist to consult with the medical attendants free of charge.

## THE CITY MATERNITY HOSPITAL, HARTSHILL.

### Report for the Year ended 31st December, 1939.

Number of patients in hospital at the beginning of the year ... ..	18
Number of patients admitted during the year ... ..	862
Number of patients discharged during the year ... ..	848
Number of patients in hospital at the end of the year	32
Number of infants in Hospital at the end of the year ...	23
Number of patients admitted from within the City ...	807
Number of patients admitted from outside the City ...	55
Number of patients admitted to Private Wards... ..	82
Number of patients admitted to General Wards... ..	780
Number of Emergency cases during the year ... ..	127
Number of Births during the year... ..	763
Number of still-births during the year ... ..	62
Number of Infant deaths during the year... ..	31
Number of Maternal deaths during the year ... ..	6
Ante-natal attendances for 1939 ... ..	4,423

## Pemphigus Neonatorum.

One case of Pemphigus Neonatorum was notified during the year.



### Measles.

Measles was made compulsorily notifiable in the later months of the year.

There were 16 deaths compared with 9 in 1938, and 11 in 1937.

The death rate from Measles in 1939 was 0.059 per 1,000, compared with 0.01 for the 126 large towns and 0.01 for England and Wales.

The ages at death were as follows :—

Under 1	1—2	2—5	5—15	15 and over
6	5	2	3	0

### Whooping Cough.

There were 12 deaths from Whooping Cough during the year, compared with 4 in 1938.

The deaths occurred at the following ages :—

Under 1	1—2	2—5	5—15
6	3	3	0

Leaflets are distributed through the schools when necessary.

This disease was made compulsorily notifiable in the later months of the year.

### REFUSE COLLECTION AND DISPOSAL.

In spite of the insistent demands made upon the Department by A.R.P. training and Decontamination preparations, the normal work of Refuse Collection and Disposal has proceeded satisfactorily.

The totals of refuse collected are as follows :—

	Tons
Dry Refuse (dwelling-houses and shops) ...	58,848
Nightsoil ... ..	3,728

Traders in the City delivered for disposal 2,230 tons of refuse, waste from their businesses.

The total net cost of refuse collection and disposal for 1939 was £40,246, which is £548 17s. 3d. per 1,000 premises per annum.

The comparative tonnage, and collection and disposal cost figures for the last two years are :—

Year	Total Refuse Collected	Cost per 1,000 premises	No. of houses and premises	Total Nett Cost
	Tons	£		£
1938... ..	63,915	542	72,372	39,223
1939... ..	62,657	549	73,293	40,246

**REFUSE DISPOSAL.**

During the year, 48,854 tons were disposed of by controlled tipping, at 1s. 10.518d. per ton.

**STREET CLEANSING.**

Street Cleansing expenditure during the last two years was as follows :—

								Total Nett Cost £
1938	Sweeping and watering	...	...	...	...	...	...	24,443
1939	„ „ „	...	...	...	...	...	...	24,404

**GULLY CLEANSING.**

1938	Gully Cleansing	...	...	...	...	...	2,145
1939	„ „	...	...	...	...	...	2,540
1938	Snow Removal	...	...	...	...	...	2,463
1939	„ „	...	...	...	...	...	1,547

**SALVAGE OF WASTE MATERIALS.**

The intensive salving of materials useful for purposes of war was begun during the last months of 1939.

The following will show the progress made during that short period :

				Cash Value of materials salvaged
1939				
November	...	...	...	378
December	...	...	...	409

As the amounts were chiefly only from the sale of paper, cardboard, tins and rags, the results augured well for the future:

SANITARY CIRCUMSTANCES OF THE DISTRICT.

Chief Sanitary Inspector's Report.

(Sanitation, Smoke, Food and Drugs, Milk, Meat and Housing Inspection).

SANITARY INSPECTION OF DISTRICT.

During the year 1939, 18,826 nuisances were dealt with as compared with 19,894 in 1938. 3,420 complaints were received of which 427 were unfounded.

Inspection of Drainage Work.	{	New drains ...	...	285
		Re-visits ...	...	232
		Repairs to drains ...	...	185
		Re-visits ...	...	255
		Other Visits ...	...	415

Shops Act. Section 10.

							Defects Found	Defects Remedied	
Ventilation	...	...	...	...	...	...	24	25	
Heating...	...	...	...	...	...	...	5	20	
Lighting	...	...	...	...	...	...	2	1	
Washing Facilities	...	...	...	...	...	...	26	48	
Meals Accommodation		...	...	...	...	...	20	19	
Other Nuisances		...	...	...	...	...	199	260	
Sanitary Accommodation	{	Insufficient	...	...	...	...	6	13	
		Unsuitable or Defective	...	...	...	...	74	90	
		Badley Ventilated	...	...	...	...	2	4	
		Other Defects	...	...	...	...	60	64	
No. of Visits paid ... 1278							TOTAL ...	418	544

## Other Special Inspections.

Purpose	Number of Inspections	Number of Contraventions and Defects dealt with
Common Lodging-houses ... ..	216	25
Houses let in lodgings ... ..	427	192
Cowsheds, Dairies ... ..	823	45
Milkshops ... ..	377	3
Slaughterhouses ... ..	828	4
Cafe Kitchens, Food Shops ... ..	1512	189
Fried Fish Shops... ..	1000	46
Marine Stores ... ..	46	3
Other offensive trades ... ..	87	6
Ice-cream Shops ... ..	1033	53
Theatres, etc. ... ..	87	28
Schools ... ..	391	375
Schools, Private and Commercial ... ..	2	—
Public Conveniences, Baths ... ..	333	66
Swimming Baths and Pools ... ..	5	1
Common Yards, Courts, etc. ... ..	152	3
Stables ... ..	457	45
Licensed Premises ... ..	378	202
Wells and Springs ... ..	11	—
Cesspools ... ..	1	—
A.R.P. Public Shelters ... ..	1185	10
TOTAL ... ..	9851	1296

## Offensive Trades.

There are in the City :—

One Knackers' Yard.

Two Skin Markets.

Several Marine Stores, Tripe Boilers and Gut  
Scrapers, and Bone Burning Works.

One Fat Melter, and

A number of Fish Fryers.



## Inspection of Factories, Workplaces, etc.

	(Factories Mechan- ical	Fac- tories	Work- places	Offices	Bake- houses	Total
Visits Paid ... ..	1559	1649	155	89	589	4041
Reports to H.M.I. :						
No Abstract ... ..	8	8	—	—	2	18
New Premises ... ..	3	—	—	—	—	3
Other Matters ... ..	—	—	—	—	—	—
Contraventions and Defects dealt with... ..	2444	303	55	18	106	2926

There are six Common Lodging Houses in the City, including a Salvation Army Hostel for men. The total accommodation registered is 275 persons per night.

Under the Public Health Act, 1936, Factory Act, 1937, and Shops Act, 1934, Section 10, 4,660 Statutory Notices were served ; 927 of these were for defective ashbins. The number of ashbins supplied by the Department during the year was 1,013.

### Smoke Nuisance.

	Observations Taken	Notices Served	Inspections
Boiler Stacks ... ..	379	48	679
Oven Stacks ... ..	149	19	474
Kiln Stacks ... ..	115	31	378
TOTAL ... ..	643	98	1531

Fifty-six complaints were received and dealt with.

Of the 379 boiler observations, 202 showed black smoke emitted for four minutes or more during the half hour.

Warnings have been given in 415 instances.

### Nuisance from Grit and Fumes, etc.

Fourteen complaints have been received, 269 visits made and 10 notices served for abatement.

## Installation of Modern Types of Ovens and Kilns.

TABLE OF PROGRESS :

FIRED BY	1939	1938	1937	1934
Electricity ...	28	26	22	9
Producer Gas ...	24	26	29	30
Town Gas ...	55	47	32	2
Pulverised Fuel ...	1	1	1	—
TOTAL ...	108	100	84	41

There are in addition two Town Gas Kilns in course of erection.  
(For prosecutions, see table on page 40).

### Rats and Mice (Destruction) Act, 1919.

The Rat Catcher made 1,977 visits to various premises during the year and the number of rats known to have been killed and the methods employed were :—

Poison	...	...	...	47,811
Dogs	...	...	...	15
Traps	...	...	...	146
Total	...	...	...	<u>47,972</u>

£171 2s. 6d. was charged by the Corporation to the various occupiers or owners of premises for work done.

### Canal Boats.

During the year twenty-five canal boats were inspected and found to be clean, well ventilated and in good state of repair.

There are at present 219 boats on the register, eight being registered during the year.

### FOOD AND DRUGS (ADULTERATION) ACT, 1928.

### FOOD AND DRUGS ACT, 1938.

The administration of the sampling and control of Food and Drugs, together with the various markings of many commodities had to be carried out under two Acts during the year.

On October 1st, 1939, the Food and Drugs (Adulteration) Act, 1928, was superseded by the Food & Drugs Act, 1938, an Act which was passed to consolidate legislation on food control, some of the Acts dating back to the year 1718.



Some of the notable amendments embodied in the Act relate to labelling offences and a warranty is now available for twelve months instead of six months and invoices may be deemed warranties.

Owing to the war, only emergency regulations have so far been made operative to enable the Authorities to carry out the more important duties under the Act.

**Samples Taken.**

During the year 567 formal and 327 informal samples were taken, making a total of 914, 54 of which were non-genuine.

Description	No. of Samples	Remarks
Butter, Margarine, Cheese, etc.	75	4 non-genuine. Proceedings taken in one case
Milk and Cream ... ..	591	44 non-genuine. Proceedings taken in six cases
Sausages, Meat, etc. ... ..	44	2 non-genuine
Drugs, Oils, Spices, etc. ... ..	69	2 non-genuine
Jams and Tinned Goods ... ..	38	
Wines and Spirits ... ..	11	1 non-genuine
Tea, Coffee, etc.... ... ..	24	
Miscellaneous ... ..	62	1 non-genuine (Cream Cake)

(For Prosecutions, see table on page 40).

Of the milk, butter, cream, margarine, lard, lard compound, jam, jellies and paste samples, none were found to contain preservatives. The dripping, lards and margarine were also tested for paraffin, but none was found.

**Registration of Butter Factories  
and Wholesale Margarine Dealers.**

There were no new registrations of butter factories during the past year, but the Wholesale Margarine Dealers Register was revised owing to the operation of the Food and Drugs Act, 1938.

One butter factory and thirty-four wholesale margarine dealers are registered.

**Fertilizers, Rag Flock, Shell Fish, etc.**

Five samples under the Fertilizers and Feeding Stuffs Act, 1926, three samples under the Rag Flock Act, 1911, and three samples under the Public Health (Shell Fish) Regulations were taken and found satisfactory.

## Merchandise Marks Act, 1926.

958 visits were made to premises and markets. 30 verbal warnings were given and two written cautions.

## SUPERVISION OF MILK SUPPLIES.

Milk and Dairies Act and Orders,  
Milk and Dairies (Consolidation) Act, 1915,  
and the Food and Drugs Act, 1938 (from 1st October, 1939).

Five hundred samples of milk were submitted for biological and bacteriological examination to the Staffordshire County Council Bacteriologist. 394 of these were ungraded milks, 104 graded milks and two Sterilized Milks.

Three hundred and sixty-five of these samples were also tested for the presence of Tubercle Bacilli.

## Designated Milk Licences.

There are 28 Accredited Milk Producers and one T.T. Producer in the City. Four new licences were issued during the year.

### Table of Licences.

Accredited Milk	...	...	44
Accredited and T.T.	...	...	5
T.T. (Certified)	...	...	2
T.T.	...	...	8
Pasteurised	...	...	19
			—
			78
			—

## MEAT AND FOOD INSPECTION.

### Abattoir.

The number of animals slaughtered at the Abattoir during 1939 were :—

				1939	1938
Cattle	...	...	...	6,481	5,827
Calves	...	...	...	1,543	1,382
Sheep	...	...	...	24,842	21,593
Pigs	...	...	...	7,316	6,233
Boar Pigs	...	...	...	414	465
				—	—
			TOTALS...	40,596	35,500
				—	—

Condemned meat and offals are transported to the Destructor Works for conversion into meal and fertilizer.

### **Slaughter of Animals Act, 1933.**

Under the Act, 267 slaughtermen are licenced by this Authority.

#### **Meat, Offals, etc., Surrendered.**

Total amount of meat voluntarily surrendered and destroyed	...	...	...	...	...	75,828 lbs.
Portion which was dressed outside the City...	...					15,965 ,,
Amount of offal voluntarily surrendered at Abattoir						44,319 lbs.
Amount of offal voluntarily surrendered elsewhere...						37,497 ,,
				TOTAL	...	81,816 lbs.
Amount of other foods voluntarily surrendered and destroyed	...	...	...	...	...	7,718 lbs.
				GRAND TOTAL	...	165,362 ,,

Systematic inspections were made of all food preparing premises, slaughterhouses, meat shops, etc., by the two Meat Inspectors. In addition, inspections were made by the District Sanitary Inspectors.

### **HOUSING ACT, 1936.**

#### **Overcrowding.**

During the year the Council continued to re-house overcrowded families as the new dwellings became available. 3,031 inspections were made.

#### **Housing.**

Defects dealt with were 13,401 and action was taken under Section 9 for repairs and Section 11 for the demolition of unfit houses.

469 houses were rendered fit by the owners in compliance with notices served.

The number of Demolition Orders made during the year was 40.

### **INCREASE OF RENT AND MORTGAGE INTEREST (RESTRICTIONS) ACTS, 1920 TO 1938.**

Sixty-five applications received and three of these were not granted. Certificates for the remainder were issued.



**Table of Prosecutions taken during 1939.**

Case	Charge	Fine	Costs
<b>Proceedings taken under the Food and Drugs and Milk and Dairies Act.</b>		£ s. d.	£ s. d.
No. 1.	Selling milk containing 1.1% of added water and also selling ordinary milk in bottles marked "Pasteurised" ... ..	1 0 0	4 15 0
No. 2.	Improper labelling of butter (imported) ...	1 10 0	1 1 0
No. 3.	Selling milk containing 6.4% and 7.9% of added water ... ..	5 5 0	1 1 0
No. 4.	Selling milk containing 9.6% of added water ...	1 0 0	3 9 0
No. 5.	Selling milk containing 4.3% of added water ...	2 0 0	2 16 9
No. 6.	Selling butter containing 17.6% of water (maximum allowed is 16%) ... ..	1 0 0	2 15 6
<b>Nuisances, Sanitary Defects, Smoke, etc., Public Health Act, 1936 :—</b>			
No. 7	Non-compliance of notice for repairs at : 83 Hall Street, Burslem ... ..	Order made for abatement within fourteen days	
No. 8	26 Clanway Street, Tunstall ... ..	Order for abatement within five weeks made, later convicted £1 0 0 10/6	
No. 9	23 King Street, Burslem ... ..	Order made for abatement within twenty-eight days	
No. 10	17 Prospect Place, Adderley Green ...	do. do.	
No. 11	41 Edward Street, Burslem ... ..	do. later convicted	
No. 12	45/51 Mellor Street, Packmoor ...	£5 0 0 10/6 Order made for abatement within twenty-one days and later convicted	
No. 13	Smoke from a boiler chimney at Cobridge...	£4 0 0 £2 2 0 Order made for abatement within twenty-eight days	
No. 14	Dust nuisance from a Grinding Mill at Shelton ... ..	Order made for abatement within two months	
No. 15	Polluted well, Holehouse Lane, Abbey Hulton ... ..	Order made requiring closure of well within fourteen days	
<b>Housing Act, 1936.</b>			
No. 16	Refusal to give the ownership of the property 1-12 George Street, Smallthorne	£2 0 0	£3 16 9
16 Cases	Totals ...	£28 15 0	£23 18 0





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